

Table F1 World Primary Energy Production (Btu), 1992 - 2001
(Quadrillion (10¹⁵) Btu)

| Region Country | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 ¹ |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| North America | | | | | | | | | | |
| Canada..... | 14.48 | 15.40 | 16.36 | 16.85 | 17.24 | 17.54 | 17.50 | 17.73 | 18.18 | 18.20 |
| Mexico..... | 8.01 | 8.11 | 8.10 | 8.04 | 8.74 | 9.07 | 9.31 | 9.06 | 9.35 | 9.59 |
| United States..... | 69.93 | 68.26 | 70.68 | 71.18 | 72.49 | 72.39 | 72.79 | 71.64 | 71.06 | 71.57 |
| Total..... | 92.42 | 91.78 | 95.14 | 96.06 | 98.48 | 99.00 | 99.59 | 98.43 | 98.59 | 99.36 |
| Central & South America | | | | | | | | | | |
| Argentina..... | 2.33 | 2.54 | 2.68 | 2.91 | 3.03 | 3.29 | 3.38 | 3.41 | 3.49 | 3.64 |
| Bolivia..... | 0.18 | 0.17 | 0.18 | 0.20 | 0.20 | 0.20 | 0.21 | 0.19 | 0.22 | 0.26 |
| Brazil..... | 4.01 | 4.15 | 4.31 | 4.51 | 4.87 | 5.14 | 5.56 | 5.96 | 6.46 | 6.20 |
| Chile..... | 0.33 | 0.33 | 0.33 | 0.35 | 0.33 | 0.34 | 0.30 | 0.24 | 0.28 | 0.31 |
| Colombia..... | 1.90 | 1.99 | 2.01 | 2.38 | 2.61 | 2.85 | 3.06 | 3.22 | 3.09 | 3.03 |
| Ecuador..... | 0.76 | 0.83 | 0.88 | 0.93 | 0.95 | 0.93 | 0.90 | 0.90 | 0.95 | 0.99 |
| Paraguay..... | 0.28 | 0.32 | 0.37 | 0.43 | 0.49 | 0.52 | 0.52 | 0.54 | 0.55 | 0.47 |
| Peru..... | 0.37 | 0.43 | 0.44 | 0.45 | 0.43 | 0.40 | 0.41 | 0.39 | 0.40 | 0.40 |
| Trinidad and Tobago..... | 0.51 | 0.53 | 0.56 | 0.58 | 0.62 | 0.63 | 0.63 | 0.72 | 0.80 | 0.83 |
| Venezuela..... | 6.96 | 7.27 | 7.70 | 8.08 | 8.62 | 9.49 | 9.46 | 8.55 | 9.38 | 8.94 |
| Other..... | 0.32 | 0.34 | 0.36 | 0.35 | 0.39 | 0.43 | 0.46 | 0.48 | 0.50 | 0.53 |
| Total..... | 17.96 | 18.92 | 19.84 | 21.18 | 22.55 | 24.22 | 24.89 | 24.59 | 26.13 | 25.61 |
| Western Europe | | | | | | | | | | |
| Austria..... | 0.50 | 0.51 | 0.49 | 0.52 | 0.48 | 0.50 | 0.52 | 0.55 | 0.57 | 0.55 |
| Belgium..... | 0.46 | 0.44 | 0.43 | 0.43 | 0.45 | 0.49 | 0.48 | 0.51 | 0.50 | 0.48 |
| Denmark..... | 0.51 | 0.56 | 0.59 | 0.61 | 0.71 | 0.82 | 0.84 | 0.98 | 1.14 | 1.12 |
| Finland..... | 0.39 | 0.39 | 0.37 | 0.38 | 0.37 | 0.40 | 0.46 | 0.44 | 0.46 | 0.45 |
| France..... | 4.63 | 4.84 | 4.87 | 4.97 | 5.04 | 4.91 | 4.80 | 4.94 | 5.03 | 5.14 |
| Germany..... | 6.17 | 5.84 | 5.71 | 5.58 | 5.49 | 5.56 | 5.26 | 5.31 | 5.25 | 5.21 |
| Greece..... | 0.33 | 0.35 | 0.35 | 0.36 | 0.35 | 0.39 | 0.40 | 0.40 | 0.41 | 0.42 |
| Italy..... | 1.36 | 1.39 | 1.46 | 1.40 | 1.47 | 1.47 | 1.46 | 1.40 | 1.39 | 1.36 |
| Netherlands..... | 2.93 | 2.98 | 2.91 | 2.91 | 3.25 | 2.89 | 2.78 | 2.58 | 2.48 | 2.64 |
| Norway..... | 7.09 | 7.28 | 7.65 | 8.36 | 9.29 | 9.61 | 9.37 | 9.55 | 10.27 | 10.22 |
| Spain..... | 1.34 | 1.34 | 1.33 | 1.20 | 1.37 | 1.30 | 1.32 | 1.18 | 1.28 | 1.45 |
| Sweden..... | 1.40 | 1.38 | 1.33 | 1.40 | 1.26 | 1.41 | 1.50 | 1.44 | 1.40 | 1.51 |
| Switzerland..... | 0.58 | 0.61 | 0.66 | 0.62 | 0.55 | 0.61 | 0.61 | 0.67 | 0.64 | 0.70 |
| Turkey..... | 0.95 | 0.99 | 0.95 | 0.99 | 1.05 | 1.11 | 1.17 | 1.06 | 0.98 | 0.91 |
| United Kingdom..... | 9.07 | 9.40 | 10.19 | 10.76 | 11.51 | 11.28 | 11.54 | 11.91 | 11.15 | 11.16 |
| Bosnia and Herzegovina..... | 0.05 | 0.04 | 0.05 | 0.08 | 0.07 | 0.06 | 0.06 | 0.16 | 0.18 | 0.18 |
| Croatia..... | 0.20 | 0.21 | 0.22 | 0.21 | 0.22 | 0.19 | 0.19 | 0.18 | 0.19 | 0.21 |
| Yugoslavia..... | 0.55 | 0.52 | 0.53 | 0.43 | 0.55 | 0.55 | 0.60 | 0.50 | 0.48 | 0.49 |
| Other..... | 0.41 | 0.45 | 0.48 | 0.47 | 0.53 | 0.51 | 0.52 | 0.45 | 0.50 | 0.52 |
| Total..... | 38.92 | 39.52 | 40.57 | 41.69 | 44.01 | 44.07 | 43.87 | 44.22 | 44.31 | 44.70 |
| Eastern Europe & Former U.S.S.R. | | | | | | | | | | |
| Bulgaria..... | 0.41 | 0.43 | 0.43 | 0.47 | 0.50 | 0.48 | 0.49 | 0.45 | 0.49 | 0.49 |
| Former Czechoslovakia..... | 2.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Czech Republic..... | -- | 1.27 | 1.18 | 1.13 | 1.21 | 1.11 | 1.04 | 0.95 | 1.04 | 1.07 |
| Slovakia..... | -- | 0.24 | 0.25 | 0.24 | 0.24 | 0.23 | 0.23 | 0.25 | 0.26 | 0.30 |
| Hungary..... | 0.56 | 0.53 | 0.53 | 0.52 | 0.51 | 0.53 | 0.49 | 0.46 | 0.46 | 0.46 |
| Poland..... | 3.68 | 3.70 | 3.75 | 3.60 | 3.25 | 3.86 | 3.35 | 3.20 | 3.05 | 3.08 |
| Romania..... | 1.49 | 1.47 | 1.43 | 1.46 | 1.43 | 1.41 | 1.26 | 1.21 | 1.20 | 1.21 |
| Azerbaijan..... | 0.78 | 0.72 | 0.66 | 0.65 | 0.65 | 0.62 | 0.73 | 0.84 | 0.84 | 0.89 |
| Kazakhstan..... | 3.77 | 3.39 | 2.57 | 2.28 | 2.36 | 2.44 | 2.38 | 2.33 | 2.94 | 3.28 |
| Lithuania..... | 0.15 | 0.14 | 0.09 | 0.13 | 0.15 | 0.13 | 0.16 | 0.12 | 0.11 | 0.14 |
| Russia..... | 48.98 | 45.53 | 42.87 | 41.87 | 42.04 | 40.15 | 40.43 | 42.08 | 43.28 | 44.88 |
| Tajikistan..... | 0.17 | 0.18 | 0.18 | 0.15 | 0.16 | 0.14 | 0.15 | 0.16 | 0.15 | 0.15 |
| Turkmenistan..... | 2.34 | 2.58 | 1.49 | 1.36 | 1.55 | 1.16 | 0.75 | 1.15 | 2.05 | 2.12 |
| Ukraine..... | 4.38 | 4.00 | 3.50 | 3.63 | 3.45 | 3.40 | 3.41 | 3.51 | 3.49 | 3.52 |
| Uzbekistan..... | 1.79 | 1.90 | 2.04 | 2.15 | 2.15 | 2.18 | 2.39 | 2.39 | 2.41 | 2.62 |
| Other..... | 0.44 | 0.45 | 0.43 | 0.40 | 0.44 | 0.42 | 0.42 | 0.44 | 0.44 | 0.44 |
| Total..... | 71.40 | 66.52 | 61.40 | 60.04 | 60.09 | 58.27 | 57.68 | 59.55 | 62.19 | 64.65 |

See footnotes at end of table.

Table F1 World Primary Energy Production (Btu), 1992 - 2001 (Continued)
(Quadrillion (10¹⁵) Btu)

| Region Country | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 ¹ |
|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| Middle East | | | | | | | | | | |
| Bahrain..... | 0.29 | 0.35 | 0.35 | 0.34 | 0.33 | 0.40 | 0.40 | 0.41 | 0.41 | 0.42 |
| Iran..... | 8.53 | 8.83 | 9.16 | 9.35 | 9.65 | 9.84 | 9.90 | 10.00 | 10.40 | 10.50 |
| Iraq..... | 1.02 | 1.21 | 1.33 | 1.35 | 1.39 | 2.60 | 4.71 | 5.48 | 5.62 | 5.31 |
| Israel..... | (s) |
| Kuwait..... | 2.44 | 4.28 | 4.73 | 4.81 | 4.94 | 4.85 | 5.02 | 4.60 | 5.04 | 4.85 |
| Oman..... | 1.72 | 1.82 | 1.90 | 1.99 | 2.07 | 2.13 | 2.20 | 2.17 | 2.43 | 2.57 |
| Qatar..... | 1.39 | 1.45 | 1.44 | 1.51 | 1.66 | 1.90 | 2.31 | 2.37 | 2.82 | 2.91 |
| Saudi Arabia..... | 20.39 | 20.11 | 20.00 | 20.25 | 20.39 | 20.82 | 21.00 | 19.64 | 21.12 | 20.37 |
| Syria..... | 1.29 | 1.45 | 1.47 | 1.48 | 1.53 | 1.51 | 1.53 | 1.52 | 1.49 | 1.47 |
| United Arab Emirates..... | 6.11 | 5.78 | 5.84 | 6.14 | 6.34 | 6.50 | 6.61 | 6.25 | 6.77 | 6.95 |
| Yemen..... | 0.38 | 0.46 | 0.70 | 0.72 | 0.71 | 0.76 | 0.81 | 0.85 | 0.92 | 0.92 |
| Other..... | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 |
| Total..... | 43.57 | 45.76 | 46.94 | 47.97 | 49.03 | 51.33 | 54.50 | 53.30 | 57.04 | 56.28 |
| Africa | | | | | | | | | | |
| Algeria..... | 5.06 | 4.87 | 4.79 | 5.13 | 5.28 | 5.63 | 5.75 | 6.03 | 6.29 | 6.24 |
| Angola..... | 1.15 | 1.11 | 1.17 | 1.40 | 1.54 | 1.55 | 1.60 | 1.61 | 1.62 | 1.61 |
| Cameroon..... | 0.33 | 0.30 | 0.26 | 0.27 | 0.26 | 0.30 | 0.29 | 0.25 | 0.22 | 0.20 |
| Congo (Brazzaville)..... | 0.37 | 0.39 | 0.38 | 0.40 | 0.43 | 0.54 | 0.56 | 0.57 | 0.60 | 0.58 |
| Congo (Kinshasa)..... | 0.12 | 0.12 | 0.11 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 |
| Egypt..... | 2.44 | 2.55 | 2.59 | 2.67 | 2.73 | 2.60 | 2.57 | 2.68 | 2.63 | 2.66 |
| Gabon..... | 0.65 | 0.68 | 0.72 | 0.80 | 0.81 | 0.81 | 0.77 | 0.72 | 0.69 | 0.66 |
| Libya..... | 3.34 | 3.17 | 3.21 | 3.23 | 3.28 | 3.39 | 3.26 | 3.07 | 3.30 | 3.21 |
| Nigeria..... | 4.43 | 4.45 | 4.37 | 4.53 | 4.57 | 4.85 | 4.90 | 4.89 | 5.18 | 5.49 |
| South Africa..... | 4.21 | 4.30 | 4.60 | 4.84 | 4.86 | 5.44 | 5.52 | 5.43 | 5.56 | 5.59 |
| Tunisia..... | 0.25 | 0.23 | 0.21 | 0.20 | 0.22 | 0.25 | 0.25 | 0.25 | 0.25 | 0.24 |
| Zambia..... | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| Zimbabwe..... | 0.18 | 0.16 | 0.16 | 0.17 | 0.15 | 0.13 | 0.13 | 0.15 | 0.15 | 0.16 |
| Other..... | 0.27 | 0.28 | 0.30 | 0.32 | 0.40 | 0.48 | 0.54 | 0.76 | 1.11 | 1.19 |
| Total..... | 22.91 | 22.70 | 22.96 | 24.15 | 24.71 | 26.16 | 26.34 | 26.61 | 27.79 | 28.01 |
| Asia & Oceania | | | | | | | | | | |
| Australia..... | 6.57 | 6.61 | 6.91 | 7.43 | 7.57 | 8.33 | 8.67 | 8.85 | 9.69 | 10.02 |
| Bangladesh..... | 0.20 | 0.22 | 0.24 | 0.26 | 0.27 | 0.27 | 0.30 | 0.32 | 0.35 | 0.36 |
| Brunei..... | 0.70 | 0.71 | 0.72 | 0.75 | 0.73 | 0.74 | 0.74 | 0.81 | 0.85 | 0.88 |
| Burma..... | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.09 | 0.10 | 0.10 | 0.18 | 0.35 |
| China..... | 30.33 | 31.85 | 34.08 | 35.47 | 36.02 | 37.63 | 36.38 | 35.32 | 34.90 | 38.26 |
| India..... | 7.17 | 7.37 | 7.63 | 9.01 | 8.75 | 8.96 | 9.01 | 9.06 | 9.34 | 9.37 |
| Indonesia..... | 5.99 | 6.29 | 6.63 | 6.97 | 7.42 | 7.40 | 7.48 | 7.94 | 7.80 | 8.12 |
| Japan..... | 3.54 | 3.90 | 3.81 | 4.19 | 4.29 | 4.55 | 4.60 | 4.39 | 4.32 | 4.49 |
| Korea, North..... | 2.80 | 2.91 | 2.88 | 2.85 | 2.81 | 2.66 | 2.53 | 2.55 | 2.68 | 2.67 |
| Korea, South..... | 0.79 | 0.77 | 0.72 | 0.77 | 0.82 | 0.85 | 0.98 | 1.10 | 1.16 | 1.17 |
| Malaysia..... | 2.26 | 2.35 | 2.41 | 2.59 | 2.84 | 3.01 | 3.14 | 3.16 | 3.20 | 3.56 |
| Mongolia..... | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| New Zealand..... | 0.61 | 0.63 | 0.65 | 0.64 | 0.67 | 0.70 | 0.66 | 0.67 | 0.70 | 0.69 |
| Pakistan..... | 0.91 | 0.96 | 0.98 | 1.04 | 1.08 | 1.06 | 1.07 | 1.11 | 1.16 | 1.18 |
| Papua New Guinea..... | 0.12 | 0.27 | 0.23 | 0.21 | 0.22 | 0.17 | 0.17 | 0.21 | 0.16 | 0.15 |
| Philippines..... | 0.21 | 0.22 | 0.23 | 0.22 | 0.23 | 0.23 | 0.26 | 0.32 | 0.34 | 0.38 |
| Taiwan..... | 0.45 | 0.44 | 0.47 | 0.47 | 0.49 | 0.48 | 0.49 | 0.49 | 0.49 | 0.46 |
| Thailand..... | 0.59 | 0.65 | 0.73 | 0.94 | 0.97 | 1.14 | 1.13 | 1.17 | 1.28 | 1.33 |
| Vietnam..... | 0.45 | 0.55 | 0.60 | 0.75 | 0.76 | 0.81 | 0.93 | 1.03 | 1.12 | 1.24 |
| Other..... | 0.09 | 0.10 | 0.11 | 0.11 | 0.10 | 0.10 | 0.11 | 0.11 | 0.10 | 0.10 |
| Total..... | 63.94 | 66.94 | 70.17 | 74.83 | 76.18 | 79.24 | 78.78 | 78.77 | 79.90 | 84.83 |
| World Total..... | 351.13 | 352.14 | 357.02 | 365.93 | 375.06 | 382.30 | 385.65 | 385.48 | 395.95 | 403.44 |

¹ Preliminary.

-- Not applicable.

(s) = Value less than 5 trillion Btu.

Notes: Sum of components may not equal total due to independent rounding.

Primary energy production reported in this table includes petroleum (crude oil and natural gas plant liquids), dry natural gas, and coal, and net hydroelectric, nuclear, geothermal, solar, wind, and wood and waste electric power generation.

Primary energy production for the United States also includes the production of geothermal, solar, and wood and waste energy not used for electricity generation.

As a result, primary energy production for the United States reported in this table might not be equal to sum of the individual fuel types reported in Tables F2-F8.

Sources: See sources at the end of Sections 3, 4, 5, and 6.